

amended to delete reference to Figure 1B and all references to FIG. 1A have been amended to reference FIG 1, which is how the first figure in the drawings was originally labeled. Please amend the application as follows:

**IN THE SPECIFICATION**

Please replace the paragraph beginning at page 1 line 7 which starts with "The following patent applications" with the following amended paragraph:

"The following patent applications cover subject matter related to the subject matter of the present invention: "Method and System for Obtaining Service Contract Information" U.S. Patent Application No 10/629,226; "Method and System of Obtaining Service Related Information about Equipment Located at a Plurality of Sites" U.S. Patent Application No. 10/628,978; "Method and System for Obtaining Information about a Building Site"; U.S. Patent Application No. 10/629,229; "Method and System for Obtaining Operational Data and Service Information for a Building Site" U.S. Patent Application No. 10/628,976."

On page 20, please replace the sentence after the first paragraph in the BRIEF DESCRIPTION OF THE DRAWINGS with the following:

"Fig. 1 is a block diagram of a system made in accordance with the principles of the present invention."

Please delete the following line on page 20

"Fig. 1B is a block diagram of the infrastructure shown in Fig. 1A"

Please delete the following paragraphs on pages 23-25 of the specification which refer to figure 1B.

"Infrastructure 34 is shown in more detail in Fig. 1B. Infrastructure 34 includes an application definition verifier 56, a system design converter 58, a computer tool interface 60, and an external program interface 62. Application definition verifier 56 parses and verifies the syntax of an application definition as discussed in more detail below. Preferably, an application definition is written in a language or graphical interface that may be used to describe components in a system as well as the control logic or algorithm for a building system. For example, the topology of a HVAC system and the configuration data for the components of the system may be described with an XML schema as described below. These data may be converted by system design converter 58 into computer statements for implementing the control logic of the application definition. Converter 58 is preferably written in a high level language that is common for engineering applications such as MATLAB, which is available from Mathworks, or MATHEMATICA, which is available from Wolfram. This program generates computer statements for the controllers that will execute the application program in a building system. If data are required for the generation of computer statements to implement an application solution then design converter 58 uses tool interface 60 or external program module interface 62 to obtain data or external program modules for inclusion in the computer statements being generated by converter 58.

Interfaces 60 and 62 are common interfaces that convert statements from converter 58 that are in a common tool interface format or a common external program interface format. Interfaces 60 and 62 may be interactive for querying a user of converter 58 for data that may be used to activate a tool or external program. For example, a set of modeling equations described in the application definition may use

historical data in a data base that may be accessed through computer tool interface 60. The modeled responses may be obtained from a linear programming external module coupled to converter 58 through interface 62. Examples of computer tools that may be accessed through computer tool interface 60 include data organization tools, such as data base management systems, data filtering tools, statistical analysis packages, and analytical methods, such as linear programming models. External programs that may be accessed through external program module interface 62 may include, for example, proportional-integral-derivative control loop modules and other modular computer program components. The components coupled to the system design converter may be a web-based component 38, a Windows-based component 40, or a common component 44. Thus, infrastructure 34 enables a system engineer to define an algorithm and system structure that may be converted into an application solution for a building system. System design converter 58 uses data derived from computer tools that are accessed through computer tools interface 60 and incorporates external program modules that are obtained through external program interface 62. Consequently, the system engineer is not required to be able to program in the control language of the building system components nor does the engineer need to know how to manipulate the computer tools or to select the external program modules. Instead, the components of infrastructure 34 perform these tasks for the engineer automatically."